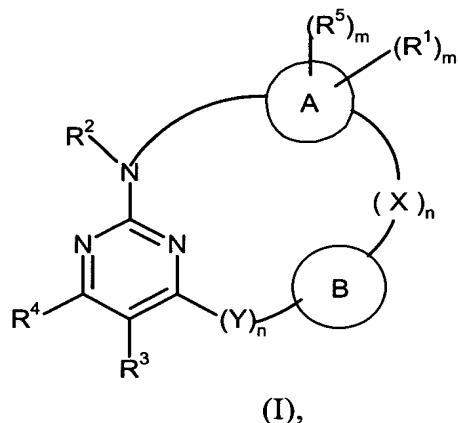


This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) Compounds of general formula I



in which

- A stands for C<sub>3</sub>-C<sub>12</sub>-arylene or C<sub>3</sub>-C<sub>18</sub>-heteroarylene,
- B stands for a bond or for C<sub>1</sub>-C<sub>12</sub>-alkylene, C<sub>2</sub>-C<sub>12</sub>-alkenylene, C<sub>2</sub>-C<sub>12</sub>-alkinylene, C<sub>3</sub>-C<sub>8</sub>-cycloalkylene, C<sub>3</sub>-C<sub>12</sub>-heterocycloalkylene, C<sub>3</sub>-C<sub>12</sub>-arylene or C<sub>3</sub>-C<sub>18</sub>-heteroarylene that is optionally substituted in one or more places in the same way or differently with hydroxy, halogen, cyano, nitro, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkinyl, C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, C<sub>1</sub>-C<sub>6</sub>-hydroxyalkyl, C<sub>3</sub>-C<sub>12</sub>-aryl, C<sub>3</sub>-C<sub>18</sub>-heteroaryl, -(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>12</sub>-aryl, -(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>18</sub>-heteroaryl, phenyl-(CH<sub>2</sub>)<sub>p</sub>-R<sup>10</sup>, -(CH<sub>2</sub>)<sub>p</sub>PO<sub>3</sub>(R<sup>10</sup>)<sub>2</sub>,

$-(\text{CH}_2)_p\text{SO}_3\text{R}^8$ , or with the group  $-\text{NR}^8\text{R}^9$ ,  $-\text{NR}^8\text{COR}^9$ ,  $-\text{NR}^8\text{CSR}^9$ ,  
 $-\text{NR}^8\text{SOR}^9$ ,  $-\text{NR}^8\text{SO}_2\text{R}^9$ ,  $-\text{NR}^8\text{CONR}^8\text{R}^9$ ,  $-\text{NR}^8\text{COOR}^9$ ,  
 $-\text{NR}^8\text{C}(\text{NH})\text{NR}^9\text{R}^{10}$ ,  $-\text{NR}^8\text{CSNR}^9\text{R}^{10}$ ,  $-\text{NR}^8\text{SONR}^9\text{R}^{10}$ ,  
 $-\text{NR}^8\text{SO}_2\text{NR}^9\text{R}^{10}$ ,  $-\text{COR}^8$ ,  $-\text{CSR}^8$ ,  $-\text{S}(\text{O})\text{R}^8$ ,  $-\text{S}(\text{O})_2\text{R}^8$ ,  
 $-\text{S}(\text{O})_2\text{NR}^8\text{R}^9$ ,  $-\text{SO}_3\text{R}^8$ ,  $-\text{CO}_2\text{R}^8$ ,  $-\text{CONR}^8\text{R}^9$ ,  $-\text{CSNR}^8\text{R}^9$ ,  $-\text{SR}^8$  or  
 $-\text{CR}^8(\text{OH})\text{-R}^9$ ,

X and Y, in each case independently of one another, stand for oxygen, sulfur or

for the group  $=\text{NR}^{14}\text{-NR}^{11}-$ ,  $-\text{NR}^{11}(\text{CH}_2)-$ ,  $-\text{NR}^{11}\text{O}-$ ,  $-\text{ONR}^{11}-$ ,  $=\text{CR}^6\text{R}^7$ ,  $=\text{C=O}$ ,  
 $=\text{C=S}$ ,  $=\text{SO}$ ,  $=\text{SO}_2$ ,  $-\text{C}(\text{O})\text{O}-$ ,  $-\text{OC}(\text{O})-$ ,  $-\text{S}(\text{O})\text{O}-$ ,  $-\text{OS}(\text{O})-$ ,  $-\text{S}(\text{O})_2\text{O}-$ ,  
 $-\text{OS}(\text{O})_2-$ ,  $-\text{CONR}^8-$ ,  $-\text{N}(\text{COR}^8)-$ ,  $-\text{N}(\text{COOR}^8)-$ ,  $-\text{N}(\text{CONR}^8\text{R}^9)-$ ,  $-\text{NR}^8\text{CO}-$ ,  
 $-\text{OCONR}^8-$ ,  $-\text{NR}^8\text{C}(\text{O})\text{O}-$ ,  $-\text{CSNR}^8-$ ,  $-\text{NR}^8\text{CS}-$ ,  $-\text{OCSNR}^8-$ ,  $-\text{NR}^8\text{CSO}-$ ,  
 $-\text{SONR}^8-$ ,  $-\text{NR}^8\text{SO}-$ ,  $-\text{SO}_2\text{NR}^8-$ ,  $-\text{S}(\text{O})_2\text{N}(\text{COR}^8)-$ ,  $-\text{NR}^8\text{SO}_2-$ ,  
 $-\text{NR}^8\text{CONR}^9-$ ,  $-\text{NR}^8\text{CSNR}^9-$ ,  $-\text{NR}^8\text{SONR}^9-$ ,  $-\text{NR}^8\text{SO}_2\text{NR}^9-$ ,  
 $-\text{NR}^8\text{C}(\text{O})\text{NR}^9-$  or  $-\text{NR}^8\text{C}(\text{S})\text{NR}^9-$ ,

$\text{R}^1$  and  $\text{R}^5$ , in each case independently of one another, stand for hydrogen,

hydroxy, halogen, nitro, cyano,  $\text{C}_1\text{-C}_6$ -alkyl,  $\text{C}_4\text{-C}_6$   $\text{C}_2\text{-C}_6$ - alkenyl,  $\text{C}_4\text{-C}_6$   $\text{C}_2\text{-C}_6$ -  
alkinyl,  $\text{C}_3\text{-C}_{10}$ -cycloalkyl,  $\text{C}_3\text{-C}_{12}$ -aryl,  $\text{C}_3\text{-C}_{18}$ -heteroaryl or for the group  $-\text{C}_1\text{-C}_6$ -alkyloxy- $\text{C}_1\text{-C}_6$ -alkyloxy,  $-(\text{CH}_2)_p\text{-C}_3\text{-C}_{12}$ -aryl,  $-(\text{CH}_2)_p\text{-C}_3\text{-C}_{18}$ -heteroaryl,  
phenyl- $(\text{CH}_2)_p\text{-R}^{10}$ ,  $-(\text{CH}_2)_p\text{PO}_3(\text{R}^{10})_2$ ,  $-\text{NR}^8\text{R}^9$ ,  $-\text{NR}^8\text{COR}^9$ ,  $-\text{NR}^8\text{CSR}^9$ ,  
 $-\text{NR}^8\text{SOR}^9$ ,  $-\text{NR}^8\text{SO}_2\text{R}^9$ ,  $-\text{NR}^8\text{CONR}^9\text{R}^{10}$ ,  $-\text{NR}^8\text{COOR}^9$ ,  
 $-\text{NR}^8\text{C}(\text{NH})\text{NR}^9\text{R}^{10}$ ,  $-\text{NR}^8\text{CSNR}^9\text{R}^{10}$ ,  $-\text{NR}^8\text{SONR}^9\text{R}^{10}$ ,  $-\text{NR}^8\text{SO}_2\text{NR}^9\text{R}^{10}$ ,  $-\text{COR}^8$ ,  
 $-\text{CSR}^8$ ,  $-\text{S}(\text{O})\text{R}^8$ ,  $-\text{S}(\text{O})(\text{NH})\text{R}^8$ ,  $-\text{S}(\text{O})_2\text{R}^8$ ,  $-\text{S}(\text{O})_2\text{NR}^8\text{R}^9$ ,  $-\text{S}(\text{O})_2\text{N=CH-NR}^8\text{R}^9$ ,

$-\text{SO}_3\text{R}^8$ ,  $-\text{CO}_2\text{H}$ ,  $-\text{CO}_2\text{R}^8$ ,  $-\text{CONR}^8\text{R}^9$ ,  $-\text{CSNR}^8\text{R}^9$ ,  
 $-\text{SR}^8$  or  $-\text{CR}^8(\text{OH})\text{-R}^9$ , or for  $\text{C}_1\text{-C}_{10}\text{-alkyl}$ ,  $\text{C}_2\text{-C}_{10}\text{-alkenyl}$ ,  $\text{C}_2\text{-C}_{10}\text{-alkinyl}$ ,  
 $\text{C}_3\text{-C}_{10}\text{-cycloalkyl}$ ,  $\text{C}_3\text{-C}_{12}\text{-aryl}$  or  $\text{C}_3\text{-C}_{18}\text{-heteroaryl}$  that is substituted in one or  
more places in the same way or differently with hydroxy,  $\text{C}_1\text{-C}_6\text{-alkoxy}$ , halogen,  
phenyl or with the group  $-\text{NR}^3\text{R}^4$ , and the phenyl,  $\text{C}_3\text{-C}_{10}\text{-cycloalkyl}$ ,  $\text{C}_3\text{-C}_{12}\text{-aryl}$ ,  
 $\text{C}_3\text{-C}_{18}\text{-heteroaryl}$ ,  $-(\text{CH}_2)_p\text{-C}_3\text{-C}_{12}\text{-aryl}$  and  
 $-(\text{CH}_2)_p\text{-C}_3\text{-C}_{18}\text{-heteroaryl}$  itself optionally can be substituted in one or more  
places in the same way or differently with halogen, hydroxy,  $\text{C}_1\text{-C}_6\text{-alkyl}$ ,  $\text{C}_1\text{-C}_6\text{-}$   
alkoxy, or with the group  $-\text{CF}_3$  or  $-\text{OCF}_3$ , and the ring of the  $\text{C}_3\text{-C}_{10}\text{-cycloalkyl}$   
and the  $\text{C}_1\text{-C}_{10}\text{-alkyl}$  optionally can be interrupted by one or more nitrogen,  
oxygen and/or sulfur atoms and/or can be interrupted by one or more  $=\text{C=O}$   
groups in the ring and/or optionally one or more possible double bonds can be  
contained in the ring,

$\text{R}^2$  stands for hydrogen or  $\text{C}_1\text{-C}_{10}\text{-alkyl}$ ,

$\text{R}^3$  stands for hydrogen, halogen, nitro, cyano,  $\text{C}_1\text{-C}_{10}\text{-alkyl}$ , halo- $\text{C}_1\text{-C}_{10}\text{-}$   
alkyl,  $\text{C}_2\text{-C}_{10}\text{-alkenyl}$ ,  $\text{C}_2\text{-C}_{10}\text{-alkinyl}$ ,  $\text{C}_3\text{-C}_{10}\text{-cycloalkyl}$ , hydroxy,  $\text{C}_1\text{-C}_6\text{-alkoxy}$ ,  
 $\text{C}_1\text{-C}_6\text{-alkylthio}$ , amino,  $-\text{NH}-(\text{CH}_2)_p\text{-C}_3\text{-C}_{10}\text{-cycloalkyl}$ ,  $\text{C}_1\text{-C}_6\text{-hydroxyalkyl}$ ,  $\text{C}_1\text{-}$   
 $\text{C}_6\text{-alkoxy-C}_1\text{-C}_6\text{-alkyl}$ ,  $\text{C}_1\text{-C}_6\text{-alkoxy-C}_1\text{-C}_6\text{-alkoxy-C}_1\text{-C}_6\text{-alkyl}$ ,  $-\text{NHC}_1\text{-C}_6\text{-alkyl}$ ,  
 $-\text{N}(\text{C}_1\text{-C}_6\text{-alkyl})_2$ ,  $-\text{SO}(\text{C}_1\text{-C}_6\text{-alkyl})$ ,  $-\text{SO}_2(\text{C}_1\text{-C}_6\text{-alkyl})$ ,  $\text{C}_1\text{-C}_6\text{-alkanoyl}$ ,  
 $-\text{CONR}^8\text{R}^9$ ,  $-\text{COR}^{10}$ ,  $\text{C}_1\text{-C}_6\text{-alkylOAc}$ , carboxy,  $\text{C}_3\text{-C}_{12}\text{-aryl}$ ,  $\text{C}_3\text{-C}_{18}\text{-heteroaryl}$ ,  
 $-(\text{CH}_2)_p\text{-C}_3\text{-C}_{12}\text{-aryl}$ ,  $-(\text{CH}_2)_p\text{-C}_3\text{-C}_{18}\text{-heteroaryl}$ , phenyl- $(\text{CH}_2)_p\text{-R}^{10}$ ,  
 $-(\text{CH}_2)_p\text{PO}_3(\text{R}^{10})_2$  or for the group  $-\text{NR}^8\text{R}^9$ ,

or for C<sub>1</sub>-C<sub>10</sub>-alkyl, C<sub>2</sub>-C<sub>10</sub>-alkenyl, C<sub>2</sub>-C<sub>10</sub>-alkinyl, C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, C<sub>3</sub>-C<sub>12</sub>-aryl or C<sub>3</sub>-C<sub>18</sub>-heteroaryl that is substituted in one or more places in the same way or differently with hydroxy, halogen, C<sub>1</sub>-C<sub>6</sub>-alkoxy, C<sub>1</sub>-C<sub>6</sub>-alkylthio, amino, cyano, C<sub>1</sub>-C<sub>6</sub>-alkyl, -NH-(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, C<sub>1</sub>-C<sub>6</sub>-hydroxyalkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkinyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy-C<sub>1</sub>-C<sub>6</sub>-alkoxy-C<sub>1</sub>-C<sub>6</sub>-alkyl, -NHC<sub>1</sub>-C<sub>6</sub>-alkyl, -N(C<sub>1</sub>-C<sub>6</sub>-alkyl)<sub>2</sub>, -SO(C<sub>1</sub>-C<sub>6</sub>-alkyl), -SO<sub>2</sub>(C<sub>1</sub>-C<sub>6</sub>-alkyl), C<sub>1</sub>-C<sub>6</sub>-alkanoyl, -CONR<sup>8</sup>R<sup>9</sup>, -COR<sup>10</sup>, C<sub>1</sub>-C<sub>6</sub>-alkylOAc, carboxy, C<sub>3</sub>-C<sub>12</sub>-aryl, C<sub>3</sub>-C<sub>18</sub>-heteroaryl, -(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>12</sub>-aryl, -(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>18</sub>-heteroaryl, phenyl-(CH<sub>2</sub>)<sub>p</sub>-R<sup>10</sup>, -(CH<sub>2</sub>)<sub>p</sub>PO<sub>3</sub>(R<sup>10</sup>)<sub>2</sub> or with the group -NR<sup>8</sup>R<sup>9</sup>, and the phenyl, C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, C<sub>3</sub>-C<sub>12</sub>-aryl, C<sub>3</sub>-C<sub>18</sub>-heteroaryl, -(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>12</sub>-aryl and -(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>18</sub>-heteroaryl itself optionally can be substituted in one or more places in the same way or differently with halogen, hydroxy, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, or with the group -CF<sub>3</sub> or -OCF<sub>3</sub>, and the ring of the C<sub>3</sub>-C<sub>10</sub>-cycloalkyl and the C<sub>1</sub>-C<sub>10</sub>-alkyl optionally can be interrupted by one or more nitrogen, oxygen and/or sulfur atoms and/or can be interrupted by one or more =C=O groups in the ring and/or optionally one or more possible double bonds can be contained in the ring, R<sup>4</sup> stands for hydrogen, halogen or C<sub>1</sub>-C<sub>4</sub>-alkyl, R<sup>6</sup>, R<sup>7</sup>, R<sup>8</sup>, R<sup>9</sup>, R<sup>10</sup> and R<sup>11</sup>, in each case independently of one another, stand for hydrogen or for

C<sub>1</sub>-C<sub>10</sub>-alkyl, C<sub>2</sub>-C<sub>10</sub>-alkenyl, C<sub>2</sub>-C<sub>10</sub>-alkinyl, C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, C<sub>3</sub>-C<sub>12</sub>-aryl or C<sub>3</sub>-C<sub>18</sub>-heteroaryl that is optionally substituted in one or more places in the same way or differently with hydroxy, halogen, C<sub>1</sub>-C<sub>12</sub>-alkoxy, C<sub>1</sub>-C<sub>6</sub>-alkylthio, amino, cyano, C<sub>1</sub>-C<sub>6</sub>-alkyl, -NH-(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, C<sub>1</sub>-C<sub>6</sub>-hydroxyalkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkinyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy-C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy-C<sub>1</sub>-C<sub>6</sub>-alkoxy-C<sub>1</sub>-C<sub>6</sub>-alkyl, -NHC<sub>1</sub>-C<sub>6</sub>-alkyl, -N(C<sub>1</sub>-C<sub>6</sub>-alkyl)<sub>2</sub>, -SO(C<sub>1</sub>-C<sub>6</sub>-alkyl), -SO<sub>2</sub>(C<sub>1</sub>-C<sub>6</sub>-alkyl), C<sub>1</sub>-C<sub>6</sub>-alkanoyl, -CONR<sup>8</sup>R<sup>9</sup>, -COR<sup>10</sup>, C<sub>1</sub>-C<sub>6</sub>-alkylOAc, carboxy, C<sub>3</sub>-C<sub>12</sub>-aryl, C<sub>3</sub>-C<sub>8</sub>-heteroaryl, -(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>12</sub>-aryl, or-(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>18</sub>-heteroaryl, ~~phenyl~~<sup>(CH<sub>2</sub>)<sub>p</sub>-R<sup>10</sup>, ~~(CH<sub>2</sub>)<sub>p</sub>PO<sub>3</sub>(R<sup>10</sup>)<sub>2</sub>~~ ~~or with the group~~ -NR<sup>8</sup>R<sup>9</sup>, and the phenyl, C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, C<sub>3</sub>-C<sub>12</sub>-aryl, C<sub>3</sub>-C<sub>18</sub>-heteroaryl, -(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>12</sub>-aryl and -(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>18</sub>-heteroaryl itself optionally can be substituted in one or more places in the same way or differently with halogen, hydroxy, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, or with the group -CF<sub>3</sub> or -OCF<sub>3</sub>, and the ring of the C<sub>3</sub>-C<sub>10</sub>-cycloalkyl and the C<sub>1</sub>-C<sub>10</sub>-alkyl optionally can be interrupted by one or more nitrogen, oxygen and/or sulfur atoms and/or can be interrupted by one or more =C=O groups in the ring and/or optionally one or more possible double bonds can be contained in the ring,</sup>

m stands for 0 to 8, and

n and p stand for 0 to 6, as well as isomers, diastereomers, enantiomers and salts thereof.

2. (Currently Amended) Compounds of general formula (I), according to claim 1, in which

A stands for phenylene or thiophenylene,

B stands for a bond or for C<sub>1</sub>-C<sub>12</sub>-alkylene, C<sub>2</sub>-C<sub>12</sub>-alkenylene, C<sub>2</sub>-C<sub>12</sub>-alkinylene, C<sub>3</sub>-C<sub>8</sub>-cycloalkylene, C<sub>3</sub>-C<sub>12</sub>-heterocycloalkylene, C<sub>3</sub>-C<sub>12</sub>-arylene or C<sub>3</sub>-C<sub>18</sub>-heteroarylene that is optionally substituted in one or more places in the same way or differently with hydroxy, halogen, cyano, nitro, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkinyl, C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, C<sub>1</sub>-C<sub>6</sub>-hydroxyalkyl, C<sub>3</sub>-C<sub>12</sub>-aryl, C<sub>3</sub>-C<sub>18</sub>-heteroaryl, -(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>12</sub>-aryl,  
 -(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>18</sub>-heteroaryl, phenyl-(CH<sub>2</sub>)<sub>p</sub>-R<sup>10</sup>, -(CH<sub>2</sub>)<sub>p</sub>PO<sub>3</sub>(R<sup>10</sup>)<sub>2</sub>,  
 -(CH<sub>2</sub>)<sub>p</sub>SO<sub>3</sub>R<sup>8</sup> or with the group-NR<sup>8</sup>R<sup>9</sup>, -NR<sup>8</sup>COR<sup>9</sup>,  
 -NR<sup>8</sup>CSR<sup>9</sup>, -NR<sup>8</sup>SOR<sup>9</sup>, -NR<sup>8</sup>SO<sub>2</sub>R<sup>9</sup>, -NR<sup>8</sup>CONR<sup>8</sup>R<sup>9</sup>, -NR<sup>8</sup>COOR<sup>9</sup>,  
 -NR<sup>8</sup>C(NH)NR<sup>9</sup>R<sup>10</sup>, -NR<sup>8</sup>CSNR<sup>9</sup>R<sup>10</sup>, -NR<sup>8</sup>SONR<sup>9</sup>R<sup>10</sup>,  
 -NR<sup>8</sup>SO<sub>2</sub>NR<sup>9</sup>R<sup>10</sup>, -COR<sup>8</sup>, -CSR<sup>8</sup>, -S(O)R<sup>8</sup>, -S(O)<sub>2</sub>R<sup>8</sup>, -S(O)<sub>2</sub>NR<sup>8</sup>R<sup>9</sup>,  
 -SO<sub>3</sub>R<sup>8</sup>, -CO<sub>2</sub>R<sup>8</sup>, -CONR<sup>8</sup>R<sup>9</sup>, -CSNR<sup>8</sup>R<sup>9</sup>, -SR<sup>8</sup> or -CR<sup>8</sup>(OH)-R<sup>9</sup>,

X and Y, in each case independently of one another, stand for oxygen, sulfur or for the group -NR<sup>11</sup>-, -NR<sup>11</sup>(CH<sub>2</sub>)-, -NR<sup>11</sup>O-, -ONR<sup>11</sup>-, =CR<sup>6</sup>R<sup>7</sup>, =C=O, =C=S, =SO, =SO<sub>2</sub>, -C(O)O-, -OC(O)-, -S(O)O-, -OS(O)-, -S(O)<sub>2</sub>O-, -OS(O)<sub>2</sub>-, -CONR<sup>8</sup>-, -N(COR<sup>8</sup>)-, -N(COOR<sup>8</sup>)-, -N(CONR<sup>8</sup>R<sup>9</sup>)-, -NR<sup>8</sup>CO-, -OCONR<sup>8</sup>-, -NR<sup>8</sup>C(O)O-, -CSNR<sup>8</sup>-, -NR<sup>8</sup>CS-, -OCSNR<sup>8</sup>-, -NR<sup>8</sup>CSO-, -SONR<sup>8</sup>-, -NR<sup>8</sup>SO-, -SO<sub>2</sub>NR<sup>8</sup>-, -S(O)<sub>2</sub>N(COR<sup>8</sup>)-, -NR<sup>8</sup>SO<sub>2</sub>-, -NR<sup>8</sup>CONR<sup>9</sup>-, -NR<sup>8</sup>CSNR<sup>9</sup>-, -NR<sup>8</sup>SONR<sup>9</sup>-, -NR<sup>8</sup>SO<sub>2</sub>NR<sup>9</sup>-, -NR<sup>8</sup>C(O)NR<sup>9</sup>- or -NR<sup>8</sup>C(S)NR<sup>9</sup>-,

R<sup>1</sup> and R<sup>5</sup>, in each case independently of one another, stand for hydrogen, hydroxy, halogen, nitro, cyano, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkenyl, C<sub>1</sub>-C<sub>6</sub>-alkinyl, C<sub>3</sub>-

$C_{10}$ -cycloalkyl,  $C_3$ - $C_{12}$ -aryl,  $C_3$ - $C_{18}$ -heteroaryl or for the group - $C_1$ - $C_6$ -alkyloxy- $C_1$ - $C_6$ -alkyloxy, -( $CH_2$ )<sub>p</sub>- $C_3$ - $C_{12}$ -aryl, -( $CH_2$ )<sub>p</sub>- $C_3$ - $C_{18}$ -heteroaryl, phenyl-( $CH_2$ )<sub>p</sub>- $R^{10}$ , -( $CH_2$ )<sub>p</sub> $PO_3(R^{10})_2$ , - $NR^8R^9$ , - $NR^8COR^9$ ,  
- $NR^8CSR^9$ , - $NR^8SOR^9$ , - $NR^8SO_2R^9$ , - $NR^8CONR^9R^{10}$ , - $NR^8COOR^9$ ,  
- $NR^8C(NH)NR^9R^{10}$ , - $NR^8CSNR^9R^{10}$ , - $NR^8SONR^9R^{10}$ ,  
- $NR^8SO_2NR^9R^{10}$ , - $COR^8$ , - $CSR^8$ , - $S(O)R^8$ , - $S(O)(NH)R^8$ , - $S(O)_2R^8$ ,  
- $S(O)_2NR^8R^9$ , - $S(O)_2N=CH-NR^8R^9$ , - $SO_3R^8$ , - $CO_2H$ , - $CO_2R^8$ ,  
- $CONR^8R^9$ , - $CSNR^8R^9$ , - $SR^8$  or - $CR^8(OH)-R^9$ , or for  $C_1$ - $C_{10}$ -alkyl,  $C_2$ - $C_{10}$ -alkenyl,  $C_2$ - $C_{10}$ -alkinyl,  $C_3$ - $C_{10}$ -cycloalkyl,  $C_3$ - $C_{12}$ -aryl or  $C_3$ - $C_{18}$ -heteroaryl that is substituted in one or more places in the same way or differently with hydroxy,  $C_1$ - $C_6$ -alkoxy, halogen, phenyl or with the group - $NR^3R^4$ , and the phenyl,  $C_3$ - $C_{10}$ -cycloalkyl,  $C_3$ - $C_{12}$ -aryl,  $C_3$ - $C_{18}$ -heteroaryl, -( $CH_2$ )<sub>p</sub>- $C_3$ - $C_{12}$ -aryl and -( $CH_2$ )<sub>p</sub>- $C_3$ - $C_{18}$ -heteroaryl itself optionally can be substituted in one or more places in the same way or differently with halogen, hydroxy,  $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_6$ -alkoxy, or with the group - $CF_3$  or

- $OCF_3$ , and the ring of  $C_3$ - $C_{10}$ -cycloalkyl and the  $C_1$ - $C_{10}$ -alkyl optionally can be interrupted by one or more nitrogen, oxygen and/or sulfur atoms and/or can be interrupted by one or more = $C=O$  groups in the ring and/or optionally one or more double bonds can be contained in the ring,

$R^2$  stands for hydrogen or  $C_1$ - $C_{10}$ -alkyl,

$R^3$  stands for hydrogen, halogen, nitro, cyano,  $C_1$ - $C_{10}$ -alkyl, halo- $C_1$ - $C_{10}$ -alkyl,  $C_2$ - $C_{10}$ -alkenyl,  $C_2$ - $C_{10}$ -alkinyl,  $C_3$ - $C_{10}$ -cycloalkyl, hydroxy,  $C_1$ - $C_6$ -alkoxy,

C<sub>1</sub>-C<sub>6</sub>-alkylthio, amino, -NH-(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, C<sub>1</sub>-C<sub>6</sub>-hydroxyalkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy-C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy-C<sub>1</sub>-C<sub>6</sub>-alkoxy-C<sub>1</sub>-C<sub>6</sub>-alkyl, -NHC<sub>1</sub>-C<sub>6</sub>-alkyl, -N(C<sub>1</sub>-C<sub>6</sub>-alkyl)<sub>2</sub>, -SO(C<sub>1</sub>-C<sub>6</sub>-alkyl), -SO<sub>2</sub>(C<sub>1</sub>-C<sub>6</sub>-alkyl), C<sub>1</sub>-C<sub>6</sub>-alkanoyl, -CONR<sup>8</sup>R<sup>9</sup>, -COR<sup>10</sup>, C<sub>1</sub>-C<sub>6</sub>-alkylOAc, carboxy, C<sub>3</sub>-C<sub>12</sub>-aryl, C<sub>3</sub>-C<sub>18</sub>-heteroaryl, -(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>12</sub>-aryl, -(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>18</sub>-heteroaryl, phenyl-(CH<sub>2</sub>)<sub>p</sub>-R<sup>10</sup>, -(CH<sub>2</sub>)<sub>p</sub>PO<sub>3</sub>(R<sup>10</sup>)<sub>2</sub> or for the group -NR<sup>8</sup>R<sup>9</sup>, or for C<sub>1</sub>-C<sub>10</sub>-alkyl, C<sub>2</sub>-C<sub>10</sub>-alkenyl, C<sub>2</sub>-C<sub>10</sub>-alkinyl, C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, C<sub>3</sub>-C<sub>12</sub>-aryl or C<sub>3</sub>-C<sub>18</sub>-heteroaryl that is substituted in one or more places in the same way or differently with hydroxy, halogen, C<sub>1</sub>-C<sub>6</sub>-alkoxy, C<sub>1</sub>-C<sub>6</sub>-alkylthio, amino, cyano, C<sub>1</sub>-C<sub>6</sub>-alkyl, -NH-(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, C<sub>1</sub>-C<sub>6</sub>-hydroxyalkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkinyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy-C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy-C<sub>1</sub>-C<sub>6</sub>-alkoxy-C<sub>1</sub>-C<sub>6</sub>-alkyl, -NHC<sub>1</sub>-C<sub>6</sub>-alkyl, -N(C<sub>1</sub>-C<sub>6</sub>-alkyl)<sub>2</sub>, -SO(C<sub>1</sub>-C<sub>6</sub>-alkyl), -SO<sub>2</sub>(C<sub>1</sub>-C<sub>6</sub>-alkyl), C<sub>1</sub>-C<sub>6</sub>-alkanoyl, -CONR<sup>8</sup>R<sup>9</sup>, -COR<sup>10</sup>, C<sub>1</sub>-C<sub>6</sub>-alkylOAc, carboxy, C<sub>3</sub>-C<sub>12</sub>-aryl, C<sub>3</sub>-C<sub>18</sub>-heteroaryl, -(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>12</sub>-aryl, -(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>18</sub>-heteroaryl, phenyl-(CH<sub>2</sub>)<sub>p</sub>-R<sup>10</sup>, -(CH<sub>2</sub>)<sub>p</sub>PO<sub>3</sub>(R<sup>10</sup>)<sub>2</sub> or with the group -NR<sup>8</sup>R<sup>9</sup>; and the phenyl, C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, C<sub>3</sub>-C<sub>12</sub>-aryl, C<sub>3</sub>-C<sub>18</sub>-heteroaryl, -(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>12</sub>-aryl and -(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>18</sub>-heteroaryl itself optionally can be substituted in one or more places in the same way or differently with halogen, hydroxy, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, or with the group -CF<sub>3</sub> or -OCF<sub>3</sub>, and the ring of the C<sub>3</sub>-C<sub>10</sub>-cycloalkyl and the C<sub>1</sub>-C<sub>10</sub>-alkyl optionally can be interrupted by one or more nitrogen, oxygen, and/or sulfur atoms and/or can be interrupted by one or more =C=O groups in the ring and/or optionally one or more possible double bonds can be contained in the ring,

$R^4$  stands for hydrogen, halogen or  $C_1$ - $C_4$ -alkyl,

$R^6, R^7, R^8,$

$R^9, R^{10}$

and  $R^{11}$ , in each case independently of one another, stand for hydrogen or for

$C_1$ - $C_{10}$ -alkyl,  $C_2$ - $C_{10}$ -alkenyl,  $C_2$ - $C_{10}$ -alkinyl,  $C_3$ - $C_{10}$ -cycloalkyl,  $C_3$ - $C_{12}$ -aryl or  $C_3$ - $C_{18}$ -heteroaryl that is optionally substituted in one or more places in the same way or differently with hydroxy, halogen,  $C_1$ - $C_{12}$ -alkoxy,  $C_1$ - $C_6$ -alkylthio, amino, cyano,  $C_1$ - $C_6$ -alkyl,  $-NH-(CH_2)_p-C_3-C_{10}$ -cycloalkyl,  $C_3-C_{10}$ -cycloalkyl,  $C_1-C_6$ -hydroxyalkyl,  $C_2-C_6$ -alkenyl,  $C_2-C_6$ -alkinyl,  $C_1-C_6$ -alkoxy- $C_1-C_6$ -alkyl,  $C_1-C_6$ -alkoxy- $C_1-C_6$ -alkoxy- $C_1-C_6$ -alkyl,  $-NHC_1-C_6$ -alkyl,  $-N(C_1-C_6$ -alkyl) $_2$ ,  $-SO(C_1-C_6$ -alkyl),  $-SO_2(C_1-C_6$ -alkyl),  $C_1-C_6$ -alkanoyl,  $-CONR^8R^9, -COR^{10}, C_1-C_6$ -alkylOAc, carboxy,  $C_3-C_{12}$ -aryl,  $C_3-C_8$ -heteroaryl,  $-(CH_2)_p-C_3-C_{12}$ -aryl, or  $-(CH_2)_p-C_3-C_{18}$ -heteroaryl, ~~phenyl~~  $(CH_2)_p-R^{10}, -(CH_2)_pPO_3(R^{10})_2$  or with the group  $-NR^8R^9$ , and the phenyl,  $C_3-C_{10}$ -cycloalkyl,  $C_3-C_{12}$ -aryl,  $C_3-C_{18}$ -heteroaryl,  $-(CH_2)_p-C_3-C_{12}$ -aryl and  $-(CH_2)_p-C_3-C_{18}$ -heteroaryl itself optionally can be substituted in one or more places in the same way or differently with halogen, hydroxy,  $C_1-C_6$ -alkyl,  $C_1-C_6$ -alkoxy, or with the group  $-CF_3$  or  $-OCF_3$ , and the ring of  $C_3-C_{10}$ -cycloalkyl and the  $C_1-C_{10}$ -alkyl optionally can be interrupted by one or more nitrogen, oxygen and/or sulfur atoms, and/or can be interrupted by one or more  $=C=O$  groups in the ring and/or optionally one or more possible double bonds can be contained in the ring,

$m$  stands for 0 to 8, and

n and p stand for 0 to 6,

as well as isomers, diastereomers, enantiomers and salts thereof..

3. (Currently Amended) Compounds of **general** formula (I), according to claim 1, in

which

A stands for phenylene or thiophenylene,

B stands for a bond or for C<sub>1</sub>-C<sub>12</sub>-alkylene, C<sub>3</sub>-C<sub>8</sub>-cycloalkylene or C<sub>3</sub>-C<sub>12</sub>-arylene that is optionally substituted in one or more places in the same way or differently with hydroxy, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-hydroxyalkyl or -(CH<sub>2</sub>)<sub>p</sub>SO<sub>3</sub>R<sup>8</sup>,

X and Y, in each case independently of one another, stand for oxygen or for the group -NR<sup>11</sup>-, -NR<sup>11</sup>(CH<sub>2</sub>)-, -CONR<sup>8</sup>-, -SO<sub>2</sub>NR<sup>8</sup>- or -NR<sup>8</sup>CONR<sup>9</sup>-,

R<sup>1</sup> and R<sup>5</sup>, in each case independently of one another, stand for hydrogen, halogen, nitro, C<sub>1</sub>-C<sub>6</sub>-alkyl, or for -NR<sup>8</sup>R<sup>9</sup>, -C<sub>1</sub>-C<sub>6</sub>-alkyloxy-C<sub>1</sub>-C<sub>6</sub>-alkyloxy or --S(O)<sub>2</sub>NR<sup>8</sup>R<sup>9</sup>,

R<sup>2</sup> stands for hydrogen,

R<sup>3</sup> stands for hydrogen, halogen, cyano, C<sub>1</sub>-C<sub>10</sub>-alkyl or -CONR<sup>8</sup>R<sup>9</sup>,

R<sup>4</sup> stands for hydrogen,

R<sup>8</sup>,

R<sup>9</sup>

and R<sup>11</sup>, in each case independently of one another, stand for hydrogen or for

C<sub>1</sub>-C<sub>10</sub>-alkyl,

m stands for 0 to 4, and

p stands for 0 to 6,

as well as isomers, diastereomers, enantiomers and salts thereof.

4. (Currently Amended) Compounds of **general** formula (I), according to claim 1, in

which

A stands for phenylene,

B stands for a bond or for C<sub>1</sub>-C<sub>12</sub>-alkylene, cyclohexylene or phenylene that is optionally substituted in one or more places in the same way or differently with hydroxy, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-hydroxyalkyl or -(CH<sub>2</sub>)SO<sub>3</sub>R<sup>8</sup>,

X stands for oxygen or for the group -CONR<sup>8</sup>-, -SO<sub>2</sub>NR<sup>8</sup>- or -NR<sup>8</sup>CONR<sup>9</sup>-,

Y stands for oxygen or for the group -NR<sup>11</sup>-,

R<sup>1</sup> and R<sup>5</sup>, in each case independently of one another, stand for hydrogen, amino, halogen, nitro, C<sub>1</sub>-C<sub>6</sub>-alkyl, or for the group -NR<sup>8</sup>R<sup>9</sup>, -C<sub>1</sub>-C<sub>6</sub>-alkyloxy- C<sub>1</sub>-C<sub>6</sub>-alkyloxy or -S(O)<sub>2</sub>NR<sup>8</sup>R<sup>9</sup>,

R<sup>2</sup> stands for hydrogen,

R<sup>3</sup> stands for hydrogen, halogen, cyano, C<sub>1</sub>-C<sub>10</sub>-alkyl, or -CONR<sup>8</sup>R<sup>9</sup>,

R<sup>4</sup> stands for hydrogen,

R<sup>8</sup>, R<sup>9</sup> and R<sup>11</sup>, in each case independently of one another, stand for hydrogen or for methyl or isobutyl,

m stands for 0 to 4, and

p stands for 0 to 6,

as well as isomers, diastereomers, enantiomers, and salts thereof.

5. (Currently Amended) Compounds of **general** formula (I), according to claim 1, in which

A stands for phenylene,

B stands for a bond or for C<sub>1</sub>-C<sub>12</sub>-alkylene that is optionally substituted in one or more places in the same way or differently with hydroxy, C<sub>1</sub>-C<sub>6</sub>-hydroxyalkyl or -(CH<sub>2</sub>)SO<sub>3</sub>R<sup>8</sup>,

X stands for oxygen or for the group -SO<sub>2</sub>NR<sup>8</sup>- or -NR<sup>8</sup>CONR<sup>9</sup>- ,

Y stands for the group -NR<sup>11</sup>-,

R<sup>1</sup> and R<sup>5</sup>, in each case independently of one another, stand for hydrogen, amino, halogen, nitro or for the group -S(O)<sub>2</sub>NR<sup>8</sup>R<sup>9</sup>,

R<sup>2</sup> stands for hydrogen,

R<sup>3</sup> stands for halogen or cyano,

R<sup>4</sup> stands for hydrogen,

R<sup>8</sup>, R<sup>9</sup> and R<sup>11</sup> in each case stand for hydrogen, and

m stands for 0 to 4,

as well as isomers, diastereomers, enantiomers and salts thereof.

6. (Currently Amended) Compounds of **general** formula (I), according to claim 1, in which

A stands for thiophenylene,

B stands for a bond or for C<sub>1</sub>-C<sub>12</sub>-alkylene,

X stands for the group -SO<sub>2</sub>NR<sup>8</sup>-,

Y stands for the group  $-NR^{11}-$ ,

R<sup>3</sup> stands for halogen,

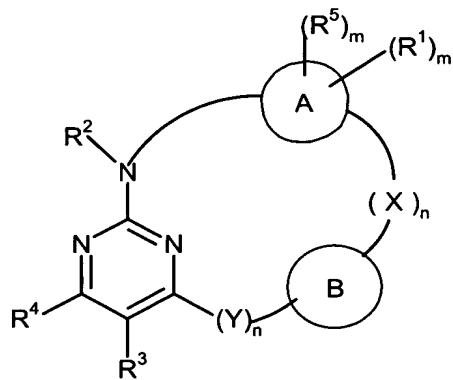
R<sup>1</sup>, R<sup>2</sup>, R<sup>4</sup>, R<sup>5</sup>,

R<sup>8</sup>, R<sup>9</sup> and R<sup>11</sup> in each case stand for hydrogen,

m stands for 0 to 2,

as well as isomers, diastereomers, enantiomers and salts thereof.

7. (Currently Amended) Compounds of general formula I



(I),

in which

A stands for C<sub>3</sub>-C<sub>12</sub>-arylene or C<sub>3</sub>-C<sub>18</sub>-heteroarylene,

B stands for a bond or for C<sub>1</sub>-C<sub>12</sub>-alkylene, C<sub>2</sub>-C<sub>12</sub>-alkenylene, C<sub>2</sub>-C<sub>12</sub>-alkinylene, C<sub>3</sub>-C<sub>8</sub>-cycloalkylene, C<sub>3</sub>-C<sub>12</sub>-heterocycloalkylene, C<sub>3</sub>-C<sub>12</sub>-arylene or C<sub>3</sub>-C<sub>18</sub>-heteroarylene that is optionally substituted in one or more places in the same way or differently with hydroxy, halogen, cyano, nitro, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkinyl, C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, C<sub>1</sub>-C<sub>6</sub>-hydroxyalkyl, C<sub>3</sub>-C<sub>12</sub>-aryl, C<sub>3</sub>-

$C_{18}$ -heteroaryl,  $-(CH_2)_p-C_3-C_{12}$ -aryl,  
 $-(CH_2)_p-C_3-C_{18}$ -heteroaryl, phenyl- $(CH_2)_p-R^{10}$ ,  $-(CH_2)_p-PO_3(R^{10})_2$  or with the  
group  $-NR^8R^9$ ,  $-NR^8COR^9$ ,  $-NR^8CSR^9$ ,  $-NR^8SOR^9$ ,  $-NR^8SO_2R^9$ ,  
 $-NR^8CONR^8R^9$ ,  $-NR^8COOR^9$ ,  $-NR^8C(NH)NR^9R^{10}$ ,  $-NR^8CSNR^9R^{10}$ ,  
 $-NR^8SONR^9R^{10}$ ,  $-NR^8SO_2NR^9R^{10}$ ,  $-COR^8$ ,  $-CSR^8$ ,  $-S(O)R^8$ ,  $-S(O)_2R^8$ ,  
 $-S(O)_2NR^8R^9$ ,  $-SO_3R^8$ ,  $-CO_2R^8$ ,  $-CONR^8R^9$ ,  $-CSNR^8R^9$ ,  $-SR^8$  or  
 $-CR^8(OH)-R^9$ ,

X and Y, in each case independently of one another, stand for oxygen, sulfur or

for the group  $=NR^{11}$ ,  $-NR^{11}O-$ ,  $-ONR^{11}-$ ,  $=CR^6R^7$ ,  $=C=O$ ,  $=C=S$ ,  $=SO$ ,  $=SO_2$ , -  
 $C(O)O-$ ,  $-OC(O)-$ ,  $-S(O)O-$ ,  $-OS(O)-$ ,  $-S(O)_2O-$ ,  $-OS(O)_2-$ ,  
 $-CONR^8-$ ,  $-NR^8CO-$ ,  $-OCONR^8-$ ,  $-NR^8C(O)O-$ ,  $-CSNR^8-$ ,  $-NR^8CS-$ ,  
 $-OCSNR^8-$ ,  $-NR^8CSO-$ ,  $-SONR^8-$ ,  $-NR^8SO-$ ,  $-SO_2NR^8-$ ,  $-NR^8SO_2-$ ,  
 $-NR^8CONR^9-$ ,  $-NR^8CSNR^9-$ ,  $-NR^8SONR^9-$ ,  $-NR^8SO_2NR^9-$ ,  
 $-NR^8C(O)NR^9-$  or  $-NR^8C(S)NR^9-$ ,

$R^1$  and  $R^5$ , in each case independently of one another, stand for hydrogen,

hydroxy, halogen, nitro, cyano,  $C_1-C_6$ -alkyl,  $C_1-C_6$ -alkenyl,  $C_1-C_6$ -alkinyl,  $C_3-C_{10}$ -cycloalkyl,  $C_3-C_{12}$ -aryl,  $C_3-C_{18}$ -heteroaryl or for the group  $-(CH_2)_p-C_3-C_{12}$ -aryl,  $-(CH_2)_p-C_3-C_{18}$ -heteroaryl, phenyl- $(CH_2)_p-R^{10}$ ,  
 $-(CH_2)_p-PO_3(R^{10})_2$ ,  $-NR^8R^9$ ,  $-NR^8COR^9$ ,  $-NR^8CSR^9$ ,  
 $-NR^8SOR^9$ ,  $-NR^8SO_2R^9$ ,  $-NR^8CONR^9R^{10}$ ,  $-NR^8COOR^9$ ,  
 $-NR^8C(NH)NR^9R^{10}$ ,  $-NR^8CSNR^9R^{10}$ ,  $-NR^8SONR^9R^{10}$ ,  
 $-NR^8SO_2NR^9R^{10}$ ,  $-COR^8$ ,  $-CSR^8$ ,  $-S(O)R^8$ ,  $-S(O)_2R^8$ ,

$-S(O)_2NR^8R^9$ ,  $-SO_3R^8$ ,  $-CO_2H$ ,  $-CO_2R^8$ ,  $-CONR^8R^9$ ,  
 $-CSNR^8R^9$ ,  $-SR^8$  or  $-CR^8(OH)-R^9$ , or for  $C_1-C_{10}$ -alkyl,  $C_2-C_{10}$ -alkenyl,  $C_2-C_{10}$ -alkinyl,  $C_3-C_{10}$ -cycloalkyl,  $C_3-C_{12}$ -aryl or  $C_3-C_{18}$ -heteroaryl that is substituted in one or more places in the same way or differently with hydroxy,  $C_1-C_6$ -alkoxy, halogen, phenyl or with the group  $-NR^3R^4$ , and the phenyl,  $C_3-C_{10}$ -cycloalkyl,  $C_3-C_{12}$ -aryl,  $C_3-C_{18}$ -heteroaryl,  $-(CH_2)_p-C_3-C_{12}$ -aryl and  $-(CH_2)_p-C_3-C_{18}$ -heteroaryl itself optionally can be substituted in one or more places in the same way or differently with halogen, hydroxy,  $C_1-C_6$ -alkyl,  $C_1-C_6$ -alkoxy, or with the group  $-CF_3$  or  $-OCF_3$ , and the ring of the  $C_3-C_{10}$ -cycloalkyl and the  $C_1-C_{10}$ -alkyl optionally can be interrupted by one or more nitrogen, oxygen and/or sulfur atoms and/or can be interrupted by one or more  $=C=O$  groups in the ring and/or optionally one or more possible double bonds can be contained in the ring,

$R^2$  stands for hydrogen or  $C_1-C_{10}$ -alkyl,

$R^3$  stands for hydrogen, halogen, nitro, cyano,  $C_1-C_{10}$ -alkyl, halo- $C_1-C_{10}$ -alkyl,  $C_2-C_{10}$ -alkenyl,  $C_2-C_{10}$ -alkinyl,  $C_3-C_{10}$ -cycloalkyl, hydroxy,  $C_1-C_6$ -alkoxy,  $C_1-C_6$ -alkylthio, amino,  $-NH-(CH_2)_p-C_3-C_{10}$ -cycloalkyl,  $C_1-C_6$ -hydroxyalkyl,  $C_1-C_6$ -alkoxy- $C_1-C_6$ -alkyl,  $C_1-C_6$ -alkoxy- $C_1-C_6$ -alkoxy- $C_1-C_6$ -alkyl,  $-NHC_1-C_6$ -alkyl,  $-N(C_1-C_6$ -alkyl) $_2$ ,  $-SO(C_1-C_6$ -alkyl),  $-SO_2(C_1-C_6$ -alkyl),  $C_1-C_6$ -alkanoyl,  $-CONR^8R^9$ ,  $-COR^{10}$ ,  $C_1-C_6$ -alkylOAc, carboxy,  $C_3-C_{12}$ -aryl,  $C_3-C_{18}$ -heteroaryl,  $-(CH_2)_p-C_3-C_{12}$ -aryl,  $-(CH_2)_p-C_3-C_{18}$ -heteroaryl, phenyl- $(CH_2)_p-R^{10}$ ,  $-(CH_2)_pPO_3(R^{10})_2$  or for the group  $-NR^8R^9$ , or for  $C_1-C_{10}$ -alkyl,  $C_2-C_{10}$ -alkenyl,  $C_2-C_{10}$ -alkinyl,  $C_3-C_{10}$ -cycloalkyl,  $C_3-C_{12}$ -aryl

or C<sub>3</sub>-C<sub>18</sub>-heteroaryl that is substituted in one or more places in the same way or differently with hydroxy, halogen, C<sub>1</sub>-C<sub>6</sub>-alkoxy, C<sub>1</sub>-C<sub>6</sub>-alkylthio, amino, cyano, C<sub>1</sub>-C<sub>6</sub>-alkyl, -NH-(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, C<sub>1</sub>-C<sub>6</sub>-hydroxyalkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkinyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy-C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy-C<sub>1</sub>-C<sub>6</sub>-alkoxy-C<sub>1</sub>-C<sub>6</sub>-alkyl, -NHC<sub>1</sub>-C<sub>6</sub>-alkyl, -N(C<sub>1</sub>-C<sub>6</sub>-alkyl)<sub>2</sub>, -SO(C<sub>1</sub>-C<sub>6</sub>-alkyl), -SO<sub>2</sub>(C<sub>1</sub>-C<sub>6</sub>-alkyl), C<sub>1</sub>-C<sub>6</sub>-alkanoyl, -CONR<sup>8</sup>R<sup>9</sup>, -COR<sup>10</sup>, C<sub>1</sub>-C<sub>6</sub>-alkylOAc, carboxy, C<sub>3</sub>-C<sub>12</sub>-aryl, C<sub>3</sub>-C<sub>18</sub>-heteroaryl, -(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>12</sub>-aryl, -(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>18</sub>-heteroaryl, phenyl-(CH<sub>2</sub>)<sub>p</sub>-R<sup>10</sup>, -(CH<sub>2</sub>)<sub>p</sub>PO<sub>3</sub>(R<sup>10</sup>)<sub>2</sub> or with the group -NR<sup>8</sup>R<sup>9</sup>, and the phenyl, C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, C<sub>3</sub>-C<sub>12</sub>-aryl, C<sub>3</sub>-C<sub>18</sub>-heteroaryl, -(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>12</sub>-aryl and -(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>18</sub>-heteroaryl itself optionally can be substituted in one or more places in the same way or differently with halogen, hydroxy, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, or with the group -CF<sub>3</sub> or -OCF<sub>3</sub>, and the ring of the C<sub>3</sub>-C<sub>10</sub>-cycloalkyl and the C<sub>1</sub>-C<sub>10</sub>-alkyl optionally can be interrupted by one or more nitrogen, oxygen and/or sulfur atoms and/or can be interrupted by one or more =C=O groups in the ring and/or optionally one or more possible double bonds can be contained in the ring,

R<sup>4</sup> stands for hydrogen, halogen or C<sub>1</sub>-C<sub>4</sub>-alkyl,

R<sup>6</sup>, R<sup>7</sup>, R<sup>8</sup>,

R<sup>9</sup>, R<sup>10</sup>

and R<sup>11</sup>, in each case independently of one another, stand for hydrogen or for C<sub>1</sub>-C<sub>10</sub>-alkyl, C<sub>2</sub>-C<sub>10</sub>-alkenyl, C<sub>2</sub>-C<sub>10</sub>-alkinyl, C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, C<sub>3</sub>-C<sub>12</sub>-aryl or C<sub>3</sub>-C<sub>18</sub>-heteroaryl that is optionally substituted in one or more places in the same

way or differently with hydroxy, halogen, C<sub>1</sub>-C<sub>12</sub>-alkoxy, C<sub>1</sub>-C<sub>6</sub>-alkylthio, amino, cyano, C<sub>1</sub>-C<sub>6</sub>-alkyl, -NH-(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, C<sub>1</sub>-C<sub>6</sub>-hydroxyalkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkinyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy-C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy-C<sub>1</sub>-C<sub>6</sub>-alkoxy-C<sub>1</sub>-C<sub>6</sub>-alkyl, -NHC<sub>1</sub>-C<sub>6</sub>-alkyl, -N(C<sub>1</sub>-C<sub>6</sub>-alkyl)<sub>2</sub>, -SO(C<sub>1</sub>-C<sub>6</sub>-alkyl), -SO<sub>2</sub>(C<sub>1</sub>-C<sub>6</sub>-alkyl), C<sub>1</sub>-C<sub>6</sub>-alkanoyl, -CONR<sup>8</sup>R<sup>9</sup>, -COR<sup>10</sup>, C<sub>1</sub>-C<sub>6</sub>-alkylOAc, carboxy, C<sub>3</sub>-C<sub>12</sub>-aryl, C<sub>3</sub>-C<sub>8</sub>-heteroaryl, -(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>12</sub>-aryl, ~~or~~-(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>18</sub>-heteroaryl, ~~phenyl~~-(CH<sub>2</sub>)<sub>p</sub>-R<sup>10</sup>, ~~(CH<sub>2</sub>)<sub>p</sub>PO<sub>3</sub>(R<sup>10</sup>)<sub>2</sub>~~ ~~or with the group~~ -NR<sup>8</sup>R<sup>9</sup>, and the phenyl, C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, C<sub>3</sub>-C<sub>12</sub>-aryl, C<sub>3</sub>-C<sub>18</sub>-heteroaryl, -(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>12</sub>-aryl and -(CH<sub>2</sub>)<sub>p</sub>-C<sub>3</sub>-C<sub>18</sub>-heteroaryl itself optionally can be substituted in one or more places in the same way or differently with halogen, hydroxy, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, or with the group -CF<sub>3</sub> or -OCF<sub>3</sub>, and the ring of the C<sub>3</sub>-C<sub>10</sub>-cycloalkyl and the C<sub>1</sub>-C<sub>10</sub>-alkyl optionally can be interrupted by one or more nitrogen, oxygen and/or sulfur atoms, and/or can be interrupted by one or more =C=O groups in the ring and/or optionally one or more possible double bonds can be contained in the ring,

m stands for 0 to 8, and

n and p stand for 0 to 6,

as well as isomers, diastereomers, enantiomers and salts thereof.

8. (Currently Amended) Compounds of **general** formula (I), according to claim 7, in which

A stands for phenylene or thiophenylene,

B stands for C<sub>1</sub>-C<sub>12</sub>-alkylene that is optionally substituted in one or more

places in the same way or differently with hydroxy, C<sub>1</sub>-C<sub>6</sub>-alkyl or C<sub>1</sub>-C<sub>6</sub>-hydroxyalkyl,

X and Y, in each case independently of one another, stand for oxygen or for the group =NR<sup>11</sup>, -NR<sup>8</sup>CO-, -CONR<sup>8</sup>-, -SO<sub>2</sub>NR<sup>8</sup>- or -NR<sup>8</sup>SO<sub>2</sub>-,

R<sup>1</sup> and R<sup>5</sup>, in each case independently of one another, stand for hydrogen or for the group -SO<sub>2</sub>NR<sup>8</sup>R<sup>9</sup>,

R<sup>2</sup> stands for hydrogen,

R<sup>3</sup> stands for hydrogen, halogen, cyano, C<sub>1</sub>-C<sub>10</sub>-alkyl or for the group -CONR<sup>8</sup>R<sup>9</sup>,

R<sup>4</sup> stands for hydrogen,

R<sup>8</sup> and R<sup>11</sup> stand for hydrogen,

R<sup>9</sup> stands for hydrogen or C<sub>1</sub>-C<sub>6</sub>-alkyl,

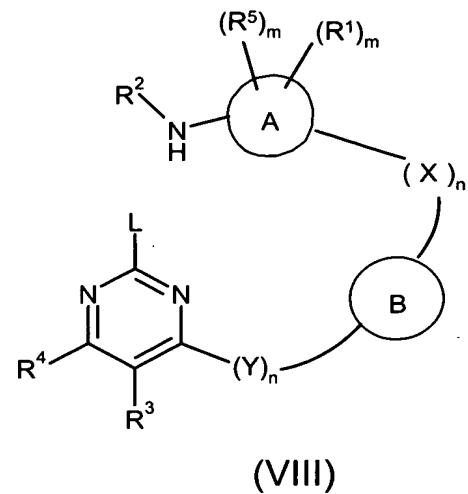
m stands for 0 to 8, and

n stands for 0 to 6,

as well as isomers, diastereomers, enantiomers and salts thereof.

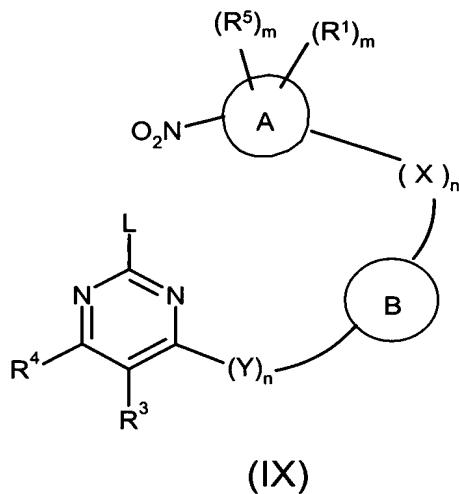
9. (Currently Amended) Process for the production of the compounds of general formula I according to ~~the invention~~ claim 1, wherein either

a) compounds of general formula VIII



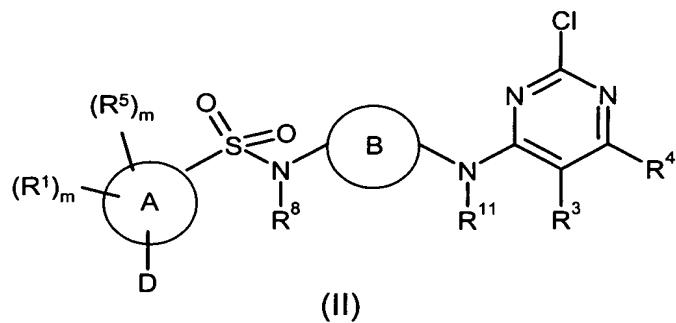
in which  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^5$ ,  $X$ ,  $Y$ ,  $A$ ,  $B$ ,  $m$  and  $n$  have the meanings that are indicated in **general formula I**, and  $L$  stands for a leaving group, are cyclized with a ~~suitable~~ an acid to compounds of **general formula I**, or

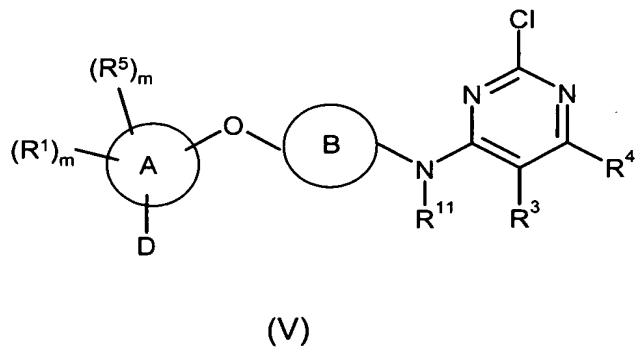
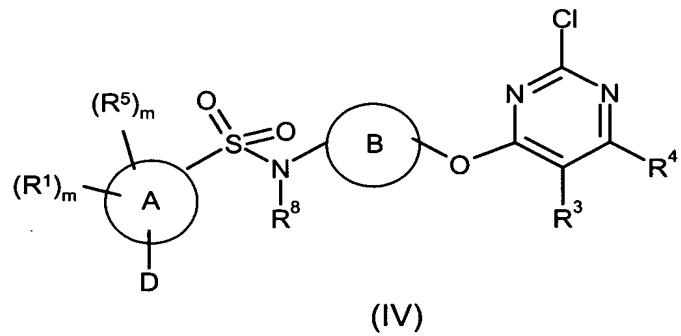
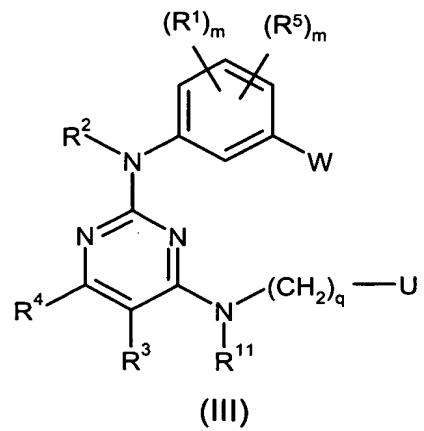
b) the acyclic precursors of **general formula (IX)**

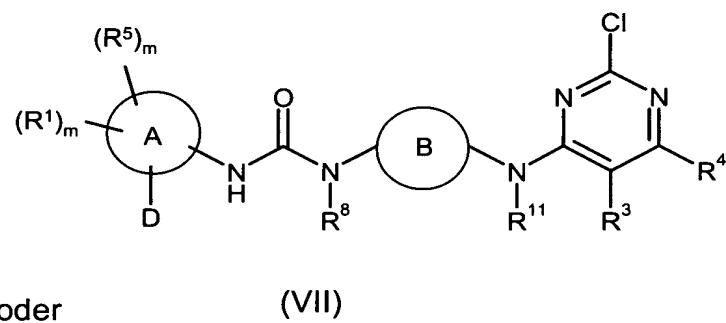
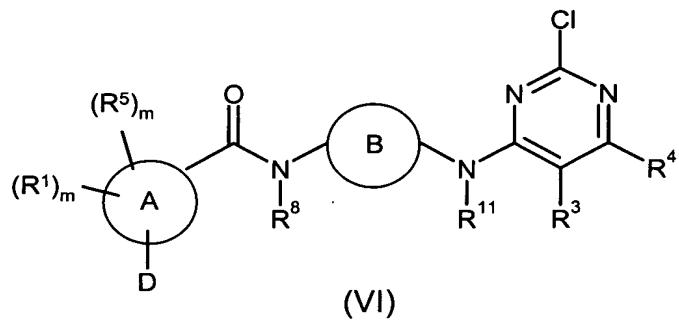


in which R<sup>1</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, X, Y, A, B, m and n have the meanings that are indicated in general formula I, and L stands for a leaving group, are first reduced to amine in a suitable solvent and a suitable reducing agent at 0°C until reflux takes place and then the intermediately formed amine is cyclized to the compounds of general formula I.

10. (Currently Amended) Compounds of general formula (II), (III), (IV), (V), (VI) or (VII)

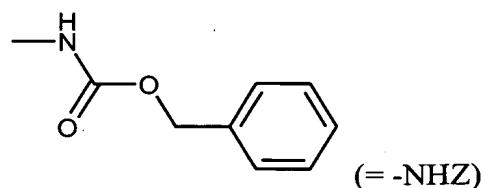






[or]

in which  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^5$ ,  $R^8$ ,  $R^{11}$ , A, B and m have the meanings that are indicated in **general formula I** and D stands for  $-NH_2$ ,  $NAc$  or  $-NO_2$ , q stands for 1 to 12, U stands for group  $-OH$ ,  $-CO_2H$ ,  $-CO_2-C1-C_6\text{-alkyl}$ ,  $-SO_2Cl$ ,  $-SO_2F$ ,  $-SO_3H$  or



and W stands for the group  $-OH$ ,  $-OH$ ,  $-CO_2H$ ,  $-CO_2-C1-C_6\text{-alkyl}$ ,  $-SO_2Cl$ ,  $-SO_2F$  or  $-SO_3H$ ,

as well as isomers, diastereomers, enantiomers and salts thereof.

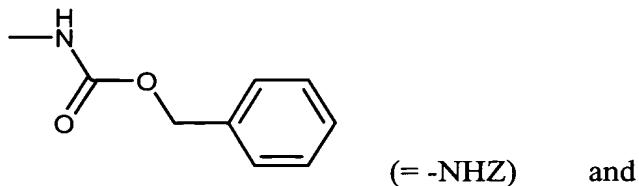
11. (Currently Amended) Compounds of **general formula (II), (III), (IV), (V), (VI)** or

(VII) according to claim 10, in which

A stands for phenylene or thiophenylene, and

R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>8</sup>, R<sup>11</sup> and m have the meanings that are indicated in **general formula I**, and D stands for -NH<sub>2</sub>, -NAc or -NO<sub>2</sub>, q stands for 1 to 12,

U stands for the group -OH, -CO<sub>2</sub>H, -CO<sub>2</sub>-C<sub>1</sub>-C<sub>6</sub>-Alkyl, -SO<sub>2</sub>Cl, -SO<sub>2</sub>F, -SO<sub>3</sub>H or



(= -NHZ) and

W stands for the group -OH -OH, -CO<sub>2</sub>H, -CO<sub>2</sub>-C<sub>1</sub>-C<sub>6</sub>-alkyl, -SO<sub>2</sub>Cl, -SO<sub>2</sub>F or -SO<sub>3</sub>H,

as well as isomers, diastereomers, enantiomers and salts thereof.

12. (Currently Amended) **Use of the compounds of general formula I, according to claim 1, for the production of a pharmaceutical agent A method** for the treatment of cancer, angiofibroma, arthritis, eye diseases, autoimmune diseases, chemotherapy agent-induced alopecia and mucositis, Crohn's disease, endometriosis, fibrotic diseases, hemangioma, cardiovascular diseases, infectious diseases, nephrological diseases, chronic and acute neurodegenerative diseases, as well as injuries to nerve tissue, viral infections, for inhibiting reocclusion of vessels after balloon catheter treatment, in vascular prosthetics or after mechanical devices are used to keep vessels open, such as, e.g., stents, as immunosuppressive agents, or for supporting scar-free healing, in the case of senile keratosis and contact dermatitis, comprising administering to a host in need thereof a compound of formula I according to claim

1.

13. (Currently Amended) ~~Use A method according to claim 12, wherein comprising~~  
treating

~~cancer is defined as solid tumors, tumor or metastasis growth, Kaposi's sarcoma, Hodgkin's disease, and leukemia;~~

~~arthritis is defined as rheumatoid arthritis;~~

~~eye diseases are defined as diabetic retinopathy, and neovascular glaucoma;~~

~~auto-immune diseases are defined as psoriasis, alopecia, and multiple sclerosis;~~

~~fibrotic diseases are defined as cirrhosis of the liver, mesangial cell proliferative diseases, and arteriosclerosis;~~

~~infectious diseases are defined as diseases that are caused by unicellular parasites;~~

~~cardiovascular diseases are defined as stenoses, such as, e.g., stent-induced restenoses, arterioscleroses, and restenoses;~~

~~nephrological diseases are defined as glomerulonephritis, diabetic nephropathy, malignant nephrosclerosis, thrombotic microangiopathic syndrome, transplant rejections, and glomerulopathy;~~

~~chronic neurodegenerative diseases are defined as Huntington's disease, amyotrophic lateral sclerosis, Parkinson's disease, AIDS dementia, and Alzheimer's disease;~~

~~acute neurodegenerative diseases are defined as ischemias of the brain, and neurotraumas;~~

~~and viral infections are defined as cytomegalic infections, herpes, hepatitis B or C, and or~~

HIV diseases.

14. (Currently Amended) Pharmaceutical agents that contain at least one compound according to claim 1.
15. (Cancelled)
16. (Cancelled)
17. (Currently Amended) Compounds A pharmaceutical composition, comprising compound according to claim 1 and pharmaceutical agents containing there suitable formulation substances and vehicles.
18. (Currently Amended) Use of the compounds of general formula I and the pharmaceutical agents, according to claim 1 one of claims 1 to 8 and 14, as inhibitors of the A method of inhibiting cyclin-dependent kinases, comprising administering a compound of claim 1.
19. (Currently Amended) Use A method according to claim 17, wherein the kinase is CDK1, CDK2, CDK3, CDK4, CDK5, CDK6, CDK7, CDK8 or CDK9.
20. (Currently Amended) Use of the compounds of general formula I and the pharmaceutical agents, according to claim 1 as inhibitors of the A method of inhibiting glycogen-synthase-kinase (GSK-3 $\beta$ ), comprising administering a compound of claim 1.
21. (Currently Amended) Use of the compounds of general formula I and the pharmaceutical agents, according to claim 1, as inhibitors of the A method of inhibiting VEGF-receptor tyrosine kinases, comprising administering a compound of claim 1.
22. (Currently Amended) Use of the compounds of general formula I and the pharmaceutical agents, according to claim 1, as inhibitors of the A method for treating diseases

mediated by cyclin-dependent kinases and the orVEGF-receptor tyrosine kinases, comprising  
administering a compound of claim 1.

23. (Cancelled)